

WHAT IS CLAIMED IS:

1. A method for setting configuration data of  
5 a printer for a printer driver in a server of an image  
printing system that includes a client, the printer and  
the server including the printer driver for the printer,  
the method comprising the step of:

storing the configuration data obtained from  
10 the printer into the server;

wherein a configuration data obtaining part  
in the server reads the stored configuration data  
according to a request from the printer driver, and  
sends the configuration data to the printer driver.

15

2. The method as claimed in claim 1, wherein  
20 an application program interface between the  
configuration data obtaining part and the printer  
driver in the server is the same as an application  
program interface between a network communication  
module and a client printer driver same as the printer  
25 driver in the server, in which the network

communication module is used for obtaining configuration data of the printer for the client printer driver in a client terminal.

5

3. The method as claimed in claim 2, the configuration data obtaining part comprising:  
10 the application program interface;  
a part for determining which piece of configuration data to obtain among the stored configuration data on the basis of information from the application program interface; and  
15 a part for accessing the configuration data and reads the determined piece of configuration data.

20

4. The method as claimed in claim 1, wherein the configuration data to be stored in the server is obtained from the printer by using a network communication module that performs bidirectional  
25 communication with the printer.

5                   5. The method as claimed in claim 4, wherein  
the configuration data is obtained by a computer that  
includes a software tool that causes the computer to  
display a window for selecting at least one printer  
driver included in the computer and to obtain  
10 configuration data from a printer corresponding to the  
selected printer driver.

15  
                  6. The method as claimed in claim 1, wherein  
the client, instead of the server, stores the  
configuration data, and the configuration data  
obtaining part in the server obtains the configuration  
20 data from the client.

25                   7. The method as claimed in claim 1, wherein

the server is used for realizing server-based computing in which application processing is handled by the server and not by the client.

5

8. A server to be used in an image printing system that includes a client, a printer and the server including a printer driver for the printer, the server comprising:

a part for storing configuration data obtained from the printer; and

an configuration data obtaining part, wherein  
15 the configuration data obtaining part reads the stored configuration data according to a request from the printer driver, and sends the configuration data to the printer driver.

20

9. The server as claimed in claim 8, wherein  
an application program interface between the  
25 configuration data obtaining part and the printer

driver in the server is the same as an application  
program interface between a network communication  
module and a client printer driver same as the printer  
driver in the server, in which the network  
5 communication module is used for obtaining  
configuration data of the printer for the client  
printer driver in a client terminal.

10

10. The server as claimed in claim 9, the  
configuration data obtaining part comprising:  
the application program interface;  
15 a part for determining which piece of  
configuration data to obtain among the stored  
configuration data on the basis of information from the  
application program interface; and  
a part for accessing the configuration data  
20 and reads the determined piece of configuration data.

25

11. The server as claimed in claim 8, wherein

the configuration data to be stored in the server is obtained from the printer by using a network communication module that performs bidirectional communication with the printer.

5

12. The server as claimed in claim 11,  
10 wherein the configuration data is obtained by a computer that includes a software tool that causes the computer to display a window for selecting at least one printer driver included in the computer and to obtain configuration data from a printer corresponding to the  
15 selected printer driver.

20 13. A program to run on a server to be used in an image printing system that includes a client, a printer and the server including a printer driver for the printer, the program comprising:  
configuration data obtaining program code  
25 means for reading configuration data of the printer

according to a request from the printer driver, and  
sends the configuration data to the printer driver,  
wherein the configuration data is obtained from the  
printer and is stored in the server.

5

14. The program as claimed in claim 13,  
10 wherein an application program interface between the  
configuration data obtaining program code means and the  
printer driver in the server is the same as an  
application program interface between a network  
communication module and a client printer driver same  
15 as the printer driver in the server, in which the  
network communication module is used for obtaining  
configuration data of the printer for the client  
printer driver in a client terminal.

20

15. The program as claimed in claim 14, the  
configuration data obtaining program code means  
25 comprising:

program code means for realizing the  
application program interface;

program code means for determining which  
piece of configuration data to obtain among the stored  
5 configuration data on the basis of information from the  
application program interface; and

program code means for accessing the  
configuration data and reads the determined piece of  
configuration data.

10

16. A computer readable medium storing a  
15 program to run on a server to be used in an image  
printing system that includes a client, a printer and  
the server including a printer driver for the printer,  
the program comprising:

configuration data obtaining program code  
20 means for reading configuration data of the printer  
according to a request from the printer driver, and  
sends the configuration data to the printer driver,  
wherein the configuration data is obtained from the  
printer and is stored in the server.

25



17. The computer readable medium as claimed  
5 in claim 16, wherein an application program interface  
between the configuration data obtaining program code  
means and the printer driver in the server is the same  
as an application program interface between a network  
communication module and a client printer driver same  
10 as the printer driver in the server, in which the  
network communication module is used for obtaining  
configuration data of the printer for the client  
printer driver in a client terminal.

15

18. The computer readable medium as claimed  
in claim 17, the configuration data obtaining program  
20 code means comprising:

program code means for realizing the  
application program interface;

program code means for determining which  
piece of configuration data to obtain among the stored  
25 configuration data on the basis of information from the

application program interface; and

program code means for accessing the  
configuration data and reads the determined piece of  
configuration data.

5

10

15

20

25